

A2 22. (Amended) A radiation image sensor comprising a radiation-transparent substrate, a flat resin film formed on said substrate, a reflecting film formed on said flat resin film, a scintillator formed on said reflecting film, and an imaging device disposed so as to face said scintillator, wherein at least a part of said scintillator is covered with a transparent organic film, wherein said transparent organic film covers over all the surfaces of said scintillator, and wherein said transparent organic film reaches to the surfaces of said substrate.

A3 23. (Amended) A method of making a scintillator panel comprising the steps of:

- forming a flat resin film on a radiation-transparent substrate;
- forming a reflecting film on said flat resin film;
- forming a scintillator on said reflecting film; and
- covering at least a part of said scintillator with a transparent organic film, such that said transparent organic film covers all the surfaces of said scintillator and reaches to the surfaces of said substrate.

A4 24. (Amended) A method of making a radiation image sensor comprising the steps of:

- forming a flat resin film on a radiation-transparent substrate;
- forming a reflecting film on said flat resin film;
- forming a scintillator on said reflecting film;
- disposing an imaging device opposite said scintillator; and

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Concluded

covering at least a part of said scintillator with a transparent organic film, such that said transparent organic film is covering all the surfaces of said scintillator and reaches to the surfaces of said substrate.

Please add new claims 17-24 as follows:

A5 4 17. (New) A scintillator panel according to claim 1, wherein said flat resin film is directly formed on said substrate.

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18. (New) A radiation image sensor according to claim 5, wherein said flat resin film is directly formed on said substrate.

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19. (New) A method of making a scintillator panel according to claim 8, wherein said flat resin film is directly formed on said radiation-transparent substrate.

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20. (New) A method of making a radiation image sensor according to claim 13, wherein said flat resin film is directly formed on said radiation-transparent substrate.

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21. (New) A scintillator panel according to claim 1, wherein said scintillator is directly formed on said flat resin film.

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22. (New) A radiation image sensor according to claim 8, wherein said scintillator is directly formed on said flat resin film.

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23. (New) A method of making a scintillator panel according to claim ~~8~~, wherein said

scintillator is directly formed on said flat resin film.

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24. (New) A method of making a radiation image sensor according to claim ~~13~~, wherein

said scintillator is directly formed on said flat resin film.

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